

Pl 1177403

REC'D 04 JUN 2004

WIPO

PCT

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

**UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**

June 01, 2004

**THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM
THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK
OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT
APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A
FILING DATE.**

APPLICATION NUMBER: 60/458,490

FILING DATE: March 28, 2003

RELATED PCT APPLICATION NUMBER: PCT/US04/09620

**By Authority of the
COMMISSIONER OF PATENTS AND TRADEMARKS**



**M. SIAS
Certifying Officer**

**PRIORITY DOCUMENT
SUBMITTED OR TRANSMITTED IN
COMPLIANCE WITH
RULE 17.1(a) OR (b)**

3-31 60458490.032803 prov

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53(c).

DOCKET NUMBER: B01075.70041
Express Mail Label No. EV 208 517 811 US
Date of Deposit: March 28, 2003

10979 U.S. PTO
60/458490

03/28/03

INVENTOR(S)/APPLICANT(S)

LAST NAME	FIRST NAME	MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)
Stevens-Wright	Debbie		North Andover, MA

☐ Additional Inventors are being named on the separately numbered sheets attached hereto.

TITLE OF THE INVENTION (280 characters max)

ELECTROPHYSIOLOGY CATHETER ALLOWING ADJUSTMENT BETWEEN ELECTRODE AND TISSUE GAP

CORRESPONDENCE ADDRESS

CUSTOMER NUMBER:

23628

ENCLOSED APPLICATION PARTS (check all that apply)

☒ Specification - Number of Pages = 2

☐ Drawing(s) - Number of Sheets

☐ Application Data Sheet, See 37 CFR 1.76

☒ Return receipt postcard

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No

☐ Yes, the name of the U.S., Government Agency and the Government Contract Number are:

☐ Other:

METHOD OF PAYMENT (check all that apply)

☒ A check is enclosed to cover the Provisional Filing Fees.

☐ The Commissioner is hereby authorized to charge any additional fees or credit overpayment to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

☐ Small Entity Status is claimed.

PROVISIONAL FILING FEE AMOUNT

\$ 160.00

Respectfully submitted,

March 28, 2003
Date

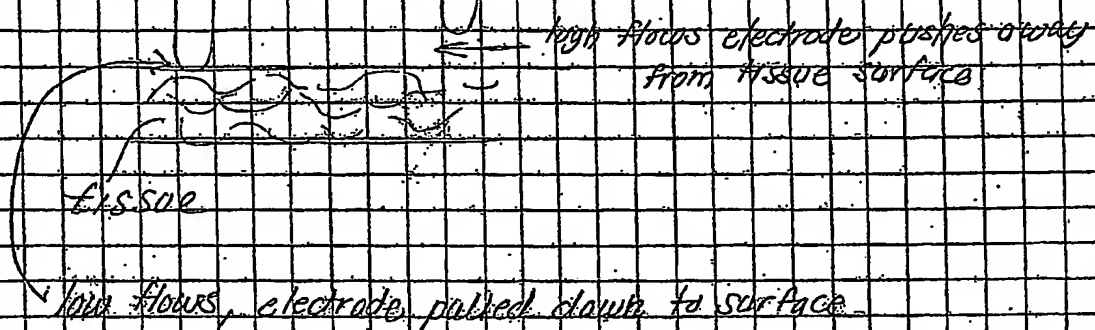
James H. Morris, Reg. No. 34,681
Telephone No.: 617-720-3500

BEST AVAILABLE COPY

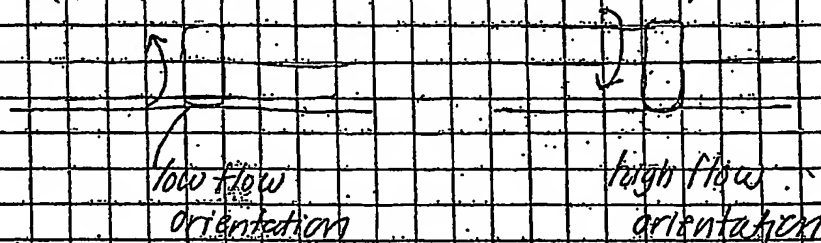
TITLE

From Page No.

An analysis of a suspended guppy design showed that moving the electrode into the fluid field improved lesion depth at lower higher flows but at lower flows this positioning did not improve lesion depth. It is difficult to make decisions on higher flows; there are in higher flows it would be advantageous to have an electrode with a mechanism that allowed the gap between the electrode and tissue to be increased in high flow situations.



Flippable Offset



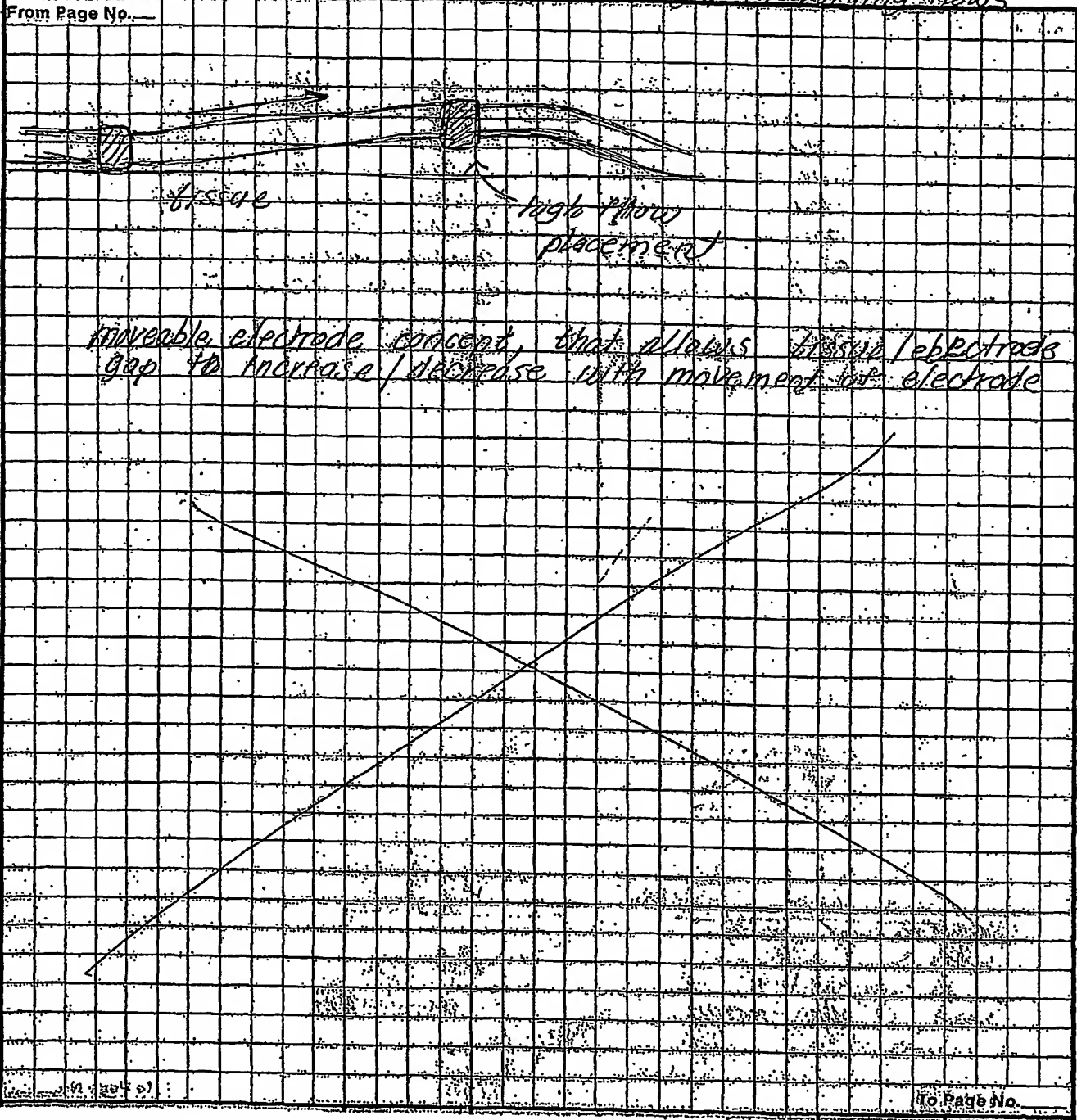
To Page No.

BEST AVAILABLE COPY

12

TITLE *Catheter allowing adjustment of tissue/electrode gap for securing leads*

From Page No. —



TITLE

From P